

Notice of Allowability

Application No.

09/759,100

Examiner

Kaveh Abrishamkar

Applicant(s)

SHAMBROOM, W. DAVID

Art Unit

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Appeal Brief filed on 1/16/2007.
2. ☒ The allowed claim(s) is/are 1-36.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 6/06/07.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


AYAZ SHEIKH

**SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100**

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Steve Thomas acting on behalf of Jeffrey Berkowitz (Reg. No. 36,743) on June 6, 2007.

The application has been amended as follows:

Claim 1 (Currently Amended): A method of enhancing the security of a message sent by a principal from a client computer through a network server to a destination server, comprising the steps of:

(a) obtaining by the client computer credentials for authorizing the principal client and the network server;

(b) establishing a first secure connection for exchanging data between the client and the network server;

(c) transmitting from the client computer to the network server over the first secure connection the principal-authenticating credentials and the message;

(d) transmitting the principal-authenticating credentials from the network sever to the validation center;

(e) transmitting permission data for the network server from the validation center to the network sever based on the principal-authenticating credentials;

(f) verifying the authorization of the principal in the network sever to access a digital certificate and issuing a the digital certificate to the network server;

(g) establishing a second secure connection for exchanging data between the network server and the destination server based on the digital certificate; and

(h) transmitting the message from the network server to the destination server over the second secure connection.

Claim 23 (Currently Amended): A method of providing a remote interactive login connection for a principal from a client computer through a network server to a destination server, comprising the steps of:

(a) obtaining credentials for authorizing the principal from a validation center;

(b) establishing a first secure connection for exchanging data between the client and the network server;

(c) transmitting from the client computer to the network server over the first secure connection the principal-authenticating credentials;

(d) transmitting the principal-authenticating credentials from the network server to the validation center;

(e) transmitting permission data for the network server from the validation center to the network server based on the principal-authenticating credentials;

(f) verifying the authorization of the principal in the network server to access a digital certificate and issuing a the digital certificate to the network server;

(g) establishing a second secure connection for exchanging data between the network server and the destination server based on the digital certificate; and

(h) executing a command interpreter in the destination server wherein the command interpreter may execute commands sent by the client computer via the network server over the second secure connection.

Claim 36 (Currently Amended): A computer program product ~~for use with a computer system~~, the computer program product comprising a computer readable storage medium and a computer program stored therein for carrying out a process comprising:

(a) obtaining by the client computer credentials for authorizing the principal from a validation center;

(b) establishing a first secure connection for exchanging data between a client and a network server;

(c) transmitting from the client computer to the network server over the first secure connection the principal-authenticating credentials and the message;

(d) transmitting the principal-authenticating credentials from the network server to the validation center;

(e) transmitting permission data for the network server from the validation center to the network server based on the principal-authenticating credentials;

(f) verifying the authorization of the principal in the network server to access a digital certificate and issuing a the digital certificate to the network server;

(g) establishing a second secure connection for exchanging data between the network server and a destination server based on the digital certificate; and

(h) transmitting the message from the network server to the destination server over the second secure connection.

REASONS FOR ALLOWANCE

1. Claims 1-36 are allowed.

1. The following is an examiner's statement of reasons for allowance:

2. Applicant's arguments, see Appeal Brief, see pages 13-19, filed January 16, 2007, with respect to claims 1-36 have been fully considered and are persuasive. The 35 U.S.C. 103(a) rejection over Krajewski (U.S. Patent 5,590,199) in view of Fischer (U.S. Patent 5,005,200) of claims 1-36 has been withdrawn.

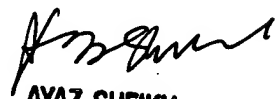
3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kaveh Abrishamkar whose telephone number is 571-272-3786. The examiner can normally be reached on Monday thru Friday 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

KA (106/07)
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06/06/2007


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